CLAIMS:

1. A method, comprising:

receiving a plurality of packets with audio information;

determining whether said audio information represents voice information; and

buffering said audio information in a jitter buffer after said determination.

2. The method of claim 1, further comprising buffering a portion of said audio information in a pre-buffer for a predetermined time interval prior to said determining.

3. The method of claim 1, further comprising sending said audio information stored in said pre-buffer and said jitter buffer to an endpoint based on said determination.

4. The method of claim 1, wherein said determining comprises:

receiving frames of audio information at a voice activity detector;

measuring at least one characteristic of said frames;

determining a start of voice information based on said measurements; and

determining an end to said voice information based on said measurements and a delay interval.

5. The method of claim 4, wherein said characteristic comprises an estimate of an energy level for said frame.

6. The method of claim 4, further comprising adjusting said delay interval to correspond to an average packet delay time.

7. The method of claim 4, further comprising:

measuring an average packet delay time by said jitter buffer; and

sending said average packet delay time to said voice activity detector.

8. The method of claim 1, wherein said receiving comprises:

retrieving a frame of audio information from said packets;

receiving an echo cancellation reference signal;

canceling echo from said frame of audio information; and

sending said frame of audio information to a voice activity detector.

9. A system, comprising:

an antenna;

a receiver connected to said antenna to receive a frame of information;

a voice activity detector to detect voice information in said frame; and

a jitter buffer to buffer said information after said detection by said voice activity detector.

10. The system of claim 9, further comprising an echo canceller connected to said receiver to cancel echo.

11. The system of claim 10, further comprising a transmitter to provide an echo cancellation reference signal to said echo canceller.

12. The system of claim 9, further comprising a pre-buffer to store pre-threshold speech during said detection by said voice activity detector.

13. The system of claim 9, where said voice activity detector further comprises:

an estimator to estimate energy level values; and

a voice classification module connected to said estimator to classify information for said frame.

14. An article comprising:

a storage medium;

said storage medium including stored instructions that, when executed by a processor, result in receiving a plurality of packets with audio information, determining whether said audio information represents voice information, and buffering said audio information in a jitter buffer after said determination.

15. The article of claim 14, wherein the stored instructions, when executed by a processor, further results in buffering a portion of said audio information in a pre-buffer for a predetermined time interval prior to said determining.

16. The article of claim 14, wherein the stored instructions, when executed by a processor, further results in sending said audio information stored in said pre-buffer and said jitter buffer to an endpoint based on said determination.

17. The article of claim 14, wherein the stored instructions, when executed by a processor, further results in said determining receiving frames of audio information at a voice activity detector, measuring at least one characteristic of said frames, determining a start of voice information based on said measurements, and determining an end to said voice information based on said measurements and a delay interval.

18. The article of claim 17, wherein the stored instructions, when executed by a processor, further results in adjusting said delay interval to correspond to an average packet delay time.

19. The article of claim 17, wherein the stored instructions, when executed by a processor, further results in measuring an average packet delay time by said jitter buffer, and sending said average packet delay time to said voice activity detector.

20. The article of claim 14, wherein the stored instructions, when executed by a processor, further results in said receiving by retrieving a frame of audio information from said packets, receiving an echo cancellation reference signal, canceling echo from said frame of audio information, and sending said frame of audio information to a voice activity detector.